AEE/SSD/SBR/000028 dt. 05/03/18

I st & final bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

66413

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... Sri. Kumara B.J. .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Name of work :-	construction of R.C.C. drains in 22nd, 23rd and other cross roads at Ravindra Nagara in ward No. 13 shettyhalli sub division.				
	Job code :-	013-18-000054				
	A. A :-	EE/DD/AS/160/17-18. Dt :- 26/09/2017.				
	T. S :-	CE/DZ/TS/10/17-18. Dt :- 26/09/2017.				
	work order :-	EE/DD/WO/314/17-18. Dt :- 20/3/2018.				
	Est cost :-	Rs. 50.00 Lakhs.				

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earthwork excavation by manual means in ordinary soil involving in average horizontal through upto 2m, and an average lift upto 1.5m excavated surface levelled & sides neately dressed, the disposed earth to be levelled neately after breaking of clods. It is completed as per specification.						
	vide Qty pg # 66471					668.85	m^3
						—	@ Rs. 180.00/m^3
							Rs. 120393=00
2)	Removing BS slab drain and stacking. It is completed as per specification						
	vide Qty pg # 66472					844.70	m^2
						—	@ Rs. 70.00/m^2
							Rs. 59129=00

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

66414

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3.	Providing and laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kgs with 40mm and downsize graded granite metal coarse aggregate @ 0.85cum & fine aggregates @ 0.57cum. machine mixed, concrete laid in layers not exceeding 15cms thick well compacted in foundation, including cost of all materials, labours. It is completed as per specification.						
	vide Qty pg # 66474					74.57	m^3
	as Using available jelly/Boulder					—	@ Rs. 4450.00/m^3
							Rs. 331836=50

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	36) Balance qty 19.33 m^3 @ Rs 5300/m^3 –					Rs. 102449=00	
4.	Providing and laying plain reinforced cement concrete for side drains using M20 nominal mix concrete with opc Cement 300 kgs. With 20 mm and down size granite metal coarse aggregate @ 0.69 cum & fine aggregates @ 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, Hire Machineries. It is completed as per specification.						
	Side wall						
	23rd cross (E/S)	2x	30.00x	0.15x	0.60	5.40	
		2x	30.00x	0.15x	0.60	5.40	
		2x	19.10x	0.15x	0.60	3.44	

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

66415

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	23rd cross W/S	2x	22.00x	0.15x	0.60	3.96	
		2x	30.00x	0.15x	0.60	5.40	
		2x	21.00x	0.15x	0.60	3.78	
	Cross Road beyond 23rd Cl	2x	13.00x	0.15x	0.60	2.34	
		2x	16.20x	0.15x	0.60	2.92	
	Cross Road btw 20th Cl & 23rd Cl (W/S)	2x	30.00x	0.16+0.17/2 x	0.6+0.64/2	6.17	E.E. (D.D.)
		2x	31.50x	0.17+0.19/2 x	0.64+0.69/2	6.30	
	Cross Road btw 20th & 23rd Cl (S/S)	2x	30.00x	0.15 x	0.60	5.40	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2x	28.50x	0.15x	0.60	5.13	
	22nd cross (W/S)	2x	30.00x	$\frac{0.15+0.16}{2}$	x0.625	5.81	
		2x	30.00x	$\frac{0.16+0.18}{2}$	x0.625	6.38	
		2x	30.00x	$\frac{0.18+0.16}{2}$	x0.625	6.38	
		2x	16.20x	0.16	x0.625	3.24	
		2x	30.00x	0.15x	0.60	5.40	E.E. (D.D.)
		2x	30.00x	0.17x	0.62	6.32	
		2x	30.00x	0.15x	0.60	5.40	
		2x	Appx 10x	0.15x	0.60	2.00	
		2x	36.50x	0.15x	0.60	6.57	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚಿಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಾಜರಾಜೇಶ್ವರಿನಗರ, ಬೆಂಗಳೂರು.

M. A. R. 57 (Rule 116) No. D
Measurement Book

66416

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2x	14.00x	0.15x	0.60	2.52	Cl/Fe
		2x	30.00x	0.15x	0.60	5.40	
		2x	23.00x	0.15x	0.60	4.14	
	Vide qty pg # 66475 Add Raft concrete qty				(+)	110.18	
						225.36	m^3 E.E. (...)
	@ Rs. 11800.00/m^3						Rs. 2659248=00
5	Providing T.M.T Steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚಿಟ್ಟಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರಾಜರಾಜೇಶ್ವರಿನಗರ, ಬೆಂಗಳೂರು.

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary. It is completed as per specification.						
	Vide Qty pg # 66476					13.52	Tonne
			@ Rs. 65000/ Tonne			—	Rs. 878800=00
6.	Providing and laying reinforced cement precast slabs of mix CC 1:1½:3 using 20mm s down size graded granite metal using HYSD 10mm dia steel @ 100 mm c/c both ways. It is completed as per specification.						
		1	30.00	—	0.75	22.50	

M. A. R. 57 (Rule 116) No. D

Measurement Book

66417

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	—	0.75	22.50	
		1	19.10	—	0.75	14.33	
		1	22.00	—	0.75	16.50	
		1	30.00	—	0.75	22.50	
		1	21.00	—	0.75	15.75	
		1	13.00	—	0.75	9.75	
		1	16.20	—	0.75	12.15	
		1	30.00	—	0.75	22.50	
		1	37.50	—	0.75	23.63	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಧಾನರಕಟ್ಟೆ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಯಶವಂತಪುರ, ಬೆಂಗಳೂರು

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×	30.00	–	0.75	22.50	
		1×	28.50	–	0.75	21.38	
		1×	30.00	–	0.75	22.50	
		1×	30.00	–	0.75	22.50	
		1×	30.00	–	0.75	22.50	
		1×	16.20	–	0.75	12.15	
		1×	30.00	–	0.75	22.50	
		1×	30.00	–	0.75	22.50	
		1×	30.00	–	0.75	22.50	
		1×	11.10	–	0.75	8.33	
		1×	36.50	–	0.75	27.38	
		1×	14.00	–	0.75	10.50	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರವರು
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಬಿ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ.

Audited and admitted for Rs. 4932291=00

Passed by Cheque for Rs. 4800440=00

Serial No. .....

Name of work ..... 13851=00 From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date of completion .....

Actual date of completion .....

M. A ... 116) No. D

Me ... ok

66418

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cleared Rs	1×	30.00	–	0.75	22.50	
		1×	23.00	–	0.75	17.25	
						459.08	m²
			@ Rs	1700/m²		—	Rs. 780436=00
						Total =	Rs 49,32,291=00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರವರು 15/6/18
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಬಿ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ.

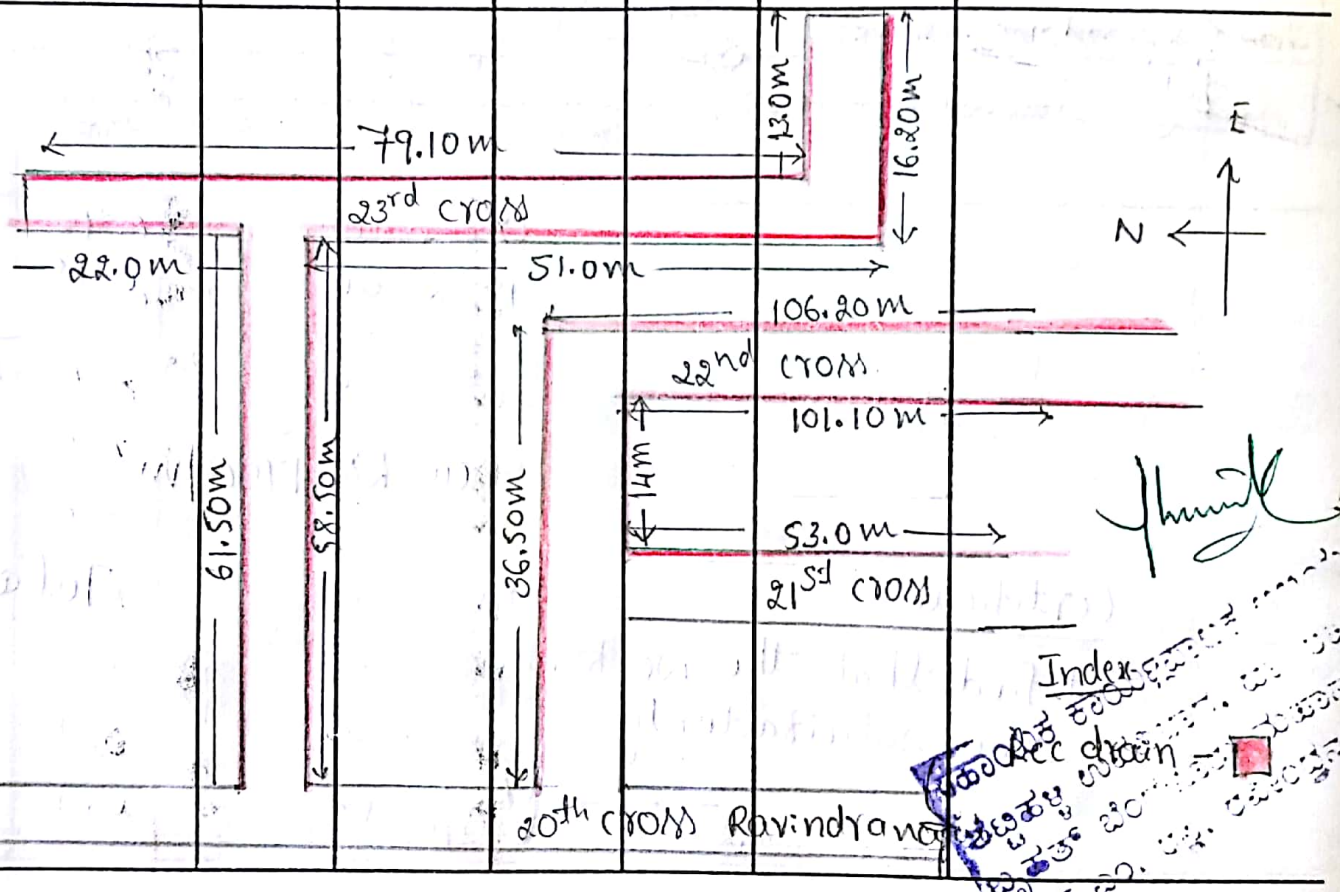
Certificate :-
Certified that the work is done satisfactorily

15/6/18

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Index

Scanned by CamScanner